

# 9th Class 2015

Chemistry	Group-I	Paper-I
Time: 15 Minutes	(Objective Type)	Max. Marks: 12

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question.

1-1- **Addition of oxygen during chemical reaction is called:**

- (a) Reduction (b) Oxidation ✓  
(c) Evaporation (d) Conduction

2- **Which one of the following is lightest element:**

- (a) Lithium ✓ (b) Sodium  
(c) Magnesium (d) Calcium

3- **Which one of the following is a liquid in solid solution:**

- (a) Sugar in water (b) Butter ✓  
(c) Alcohol in water (d) Fog

4- **Industrial Chemistry deals with the manufacturing of compounds:**

- (a) In laboratory ✓ (b) On micro scale  
(c) On commercial scale (d) On economic scale

5- **Number of elements in normal period are:**

- (a) 18 (b) 10  
(c) 8 ✓ (d) 32

6- **How many electrons are involved in triple covalent bond:**

- (a) Six ✓ (b) Only three  
(c) Four (d) Eight

7- **In Charles Law, "k" is equal to:**

- (a)  $\frac{T}{V}$  (b) TV  
(c)  $\frac{V}{T}$  ✓ (d)  $\frac{V}{P}$



- 8- What is the formula of rust:  
(a)  $\text{Fe}_2\text{O}_3$  ✓ (b)  $\text{Fe}(\text{OH})_3$   
(c)  $\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$  (d)  $\text{Fe}(\text{OH})_3 \cdot n\text{H}_2\text{O}$
- 9- The Molar Mass of  $\text{H}_2\text{SO}_4$  is:  
(a) 9.8 gm (b) 98 amu  
(c) 98 gm ✓ (d) 9.8 amu
- 10- Which type of force is present in hydrogen bonding:  
(a) Intermolecular force  
(b) Ionic force ✓  
(c) Covalent force  
(d) Metallic force
- 11- Which one of the following halogens has lowest electro-negativity:  
(a) Chlorine (b) Iodine ✓  
(c) Bromine (d) Fluorine
- 12- Who discovered Cathode Rays:  
(a) Gold Stain (b) John Dalton  
(c) Sir William Crooks ✓ (d) Neil Bohr